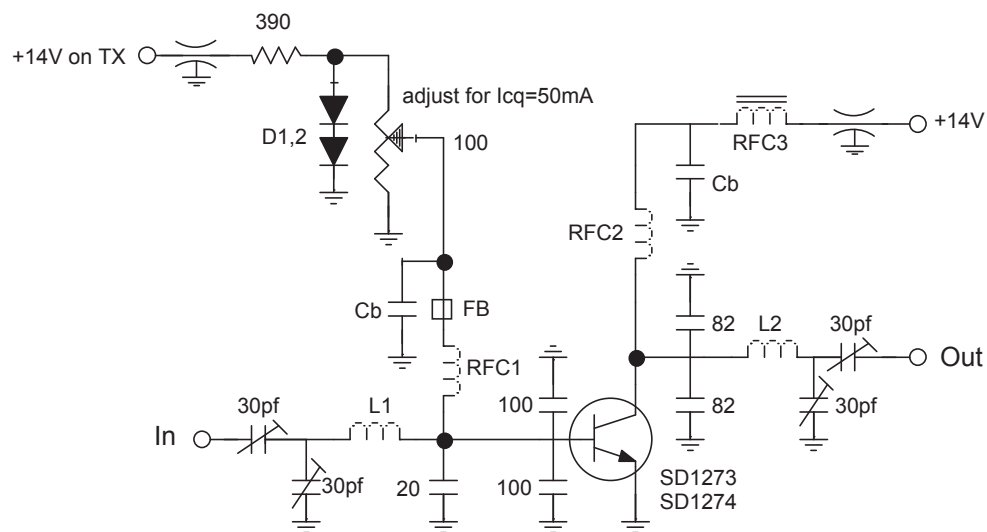


144 MHz Linear Amplifier **Gain 10dB WA3JUF 1984**



L1 - 3t, #18, 1/4" ID
 L2 - 2t, #18, 1/4" ID
 RFC1 - .68uh molded
 RFC2 - 12t, #24, 1/4" ID
 RFC3 - VK200 wideband choke
 D1,2 - 1N4001 glued to transistor lid
 Cb - 22uf elec. + .01ufd + 500pf SM

SD1273 30W out
 SD1274 35-40 out

1

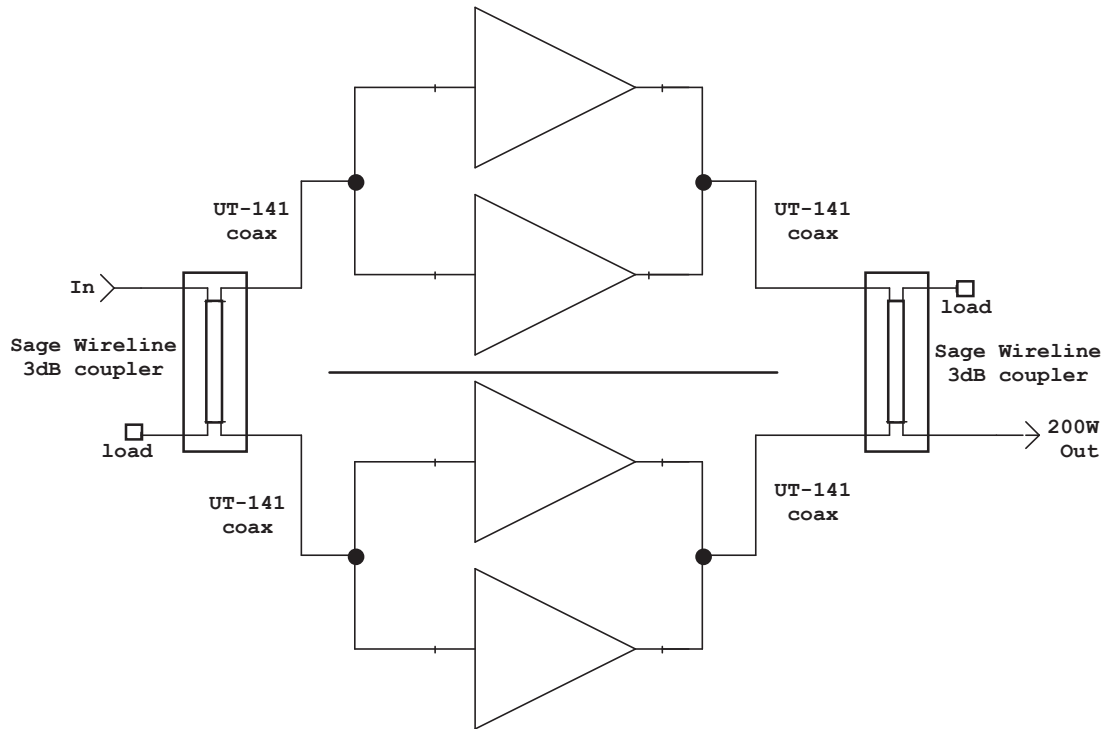


4

5

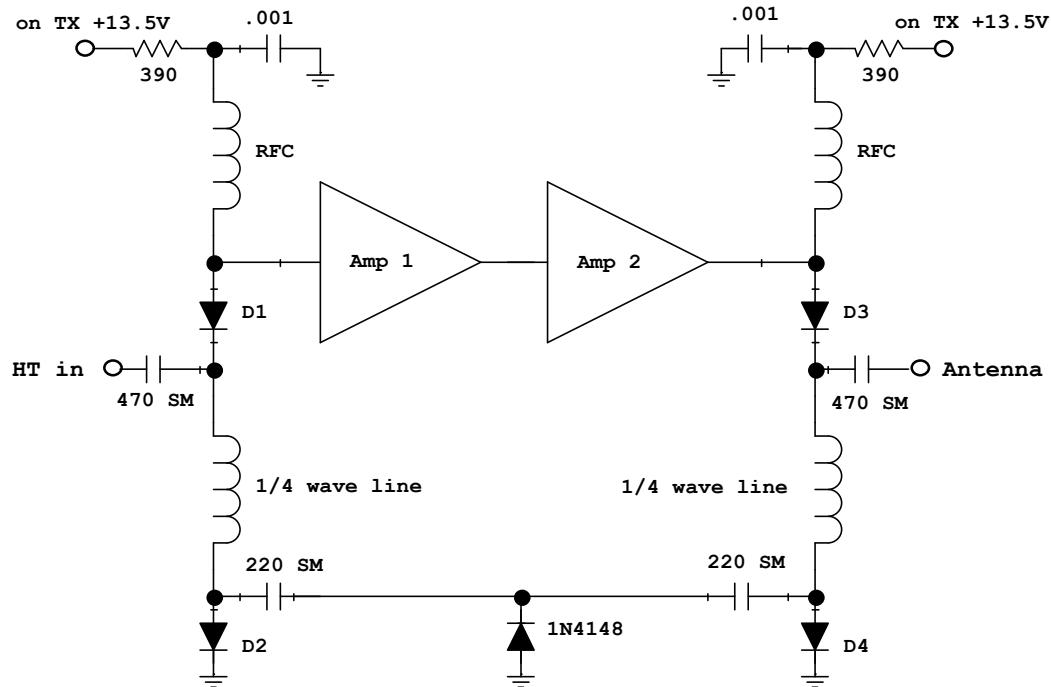


144 MHz 200W Linear Amplifier
combined 2 x SD1458 110W amplifiers
WA3JUF 1991

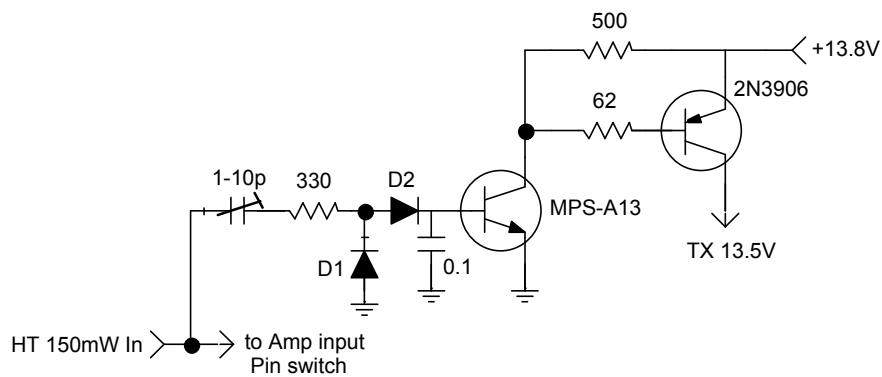


Before combining the 2 amplifiers, each was
tuned to verify 110W performance.
The I_{cq} and drive level were adjusted to obtain
200W output at 1dB compression.

144 MHz HT 20W Amplifier with T/R switching WA3JUF 1983



D1,4: BA182
 1/4 wave line: 16" mini teflon coax
 RFC: 12t #24, 1/8" diam. or Z144
 Amp 1: SD1143
 Amp 2: SD1143-1
 Amps have DC blocks



D1,2 - 1N4148